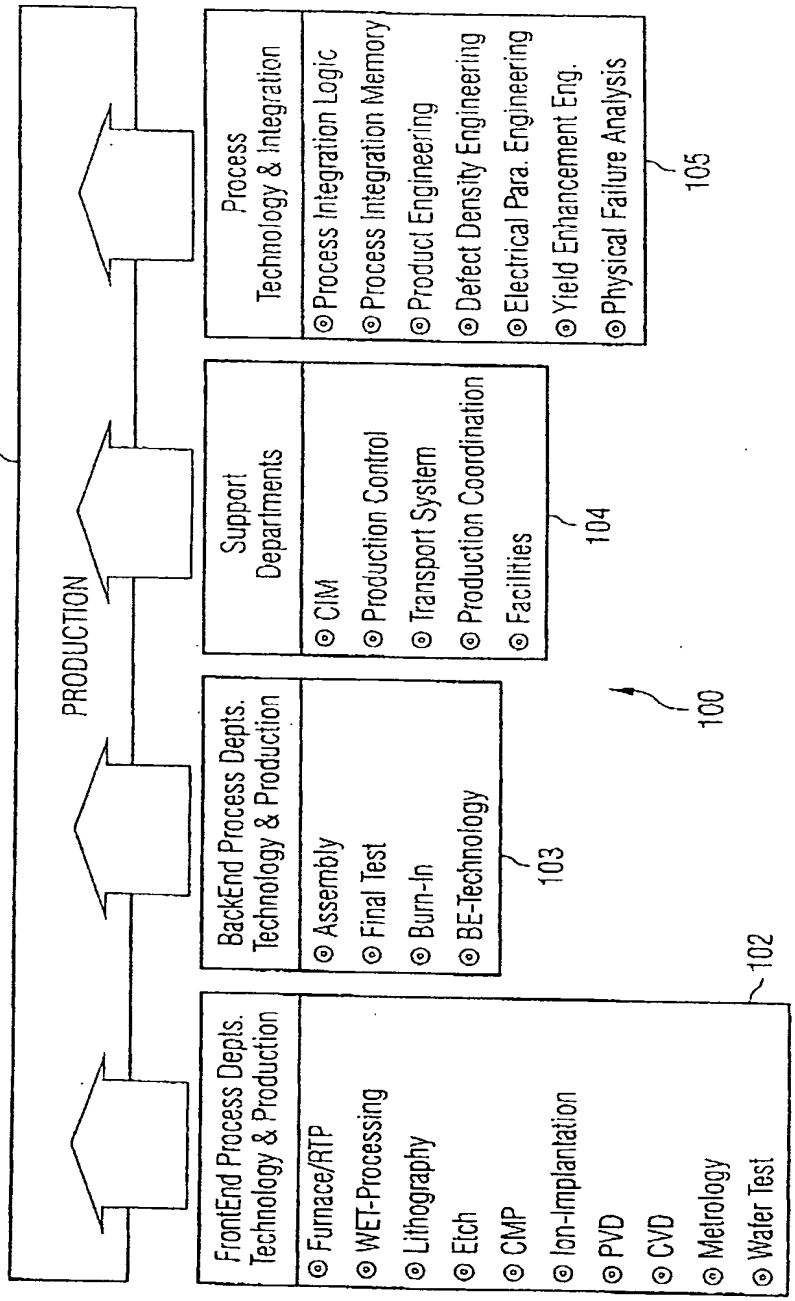
OIPE JC140
JUN 2 8 2004
PATENT & TRADEMARK OFFICE

FIG 1



BEST AVAILABLE COPY
BEST AVAILABLE COPY

FIG 2

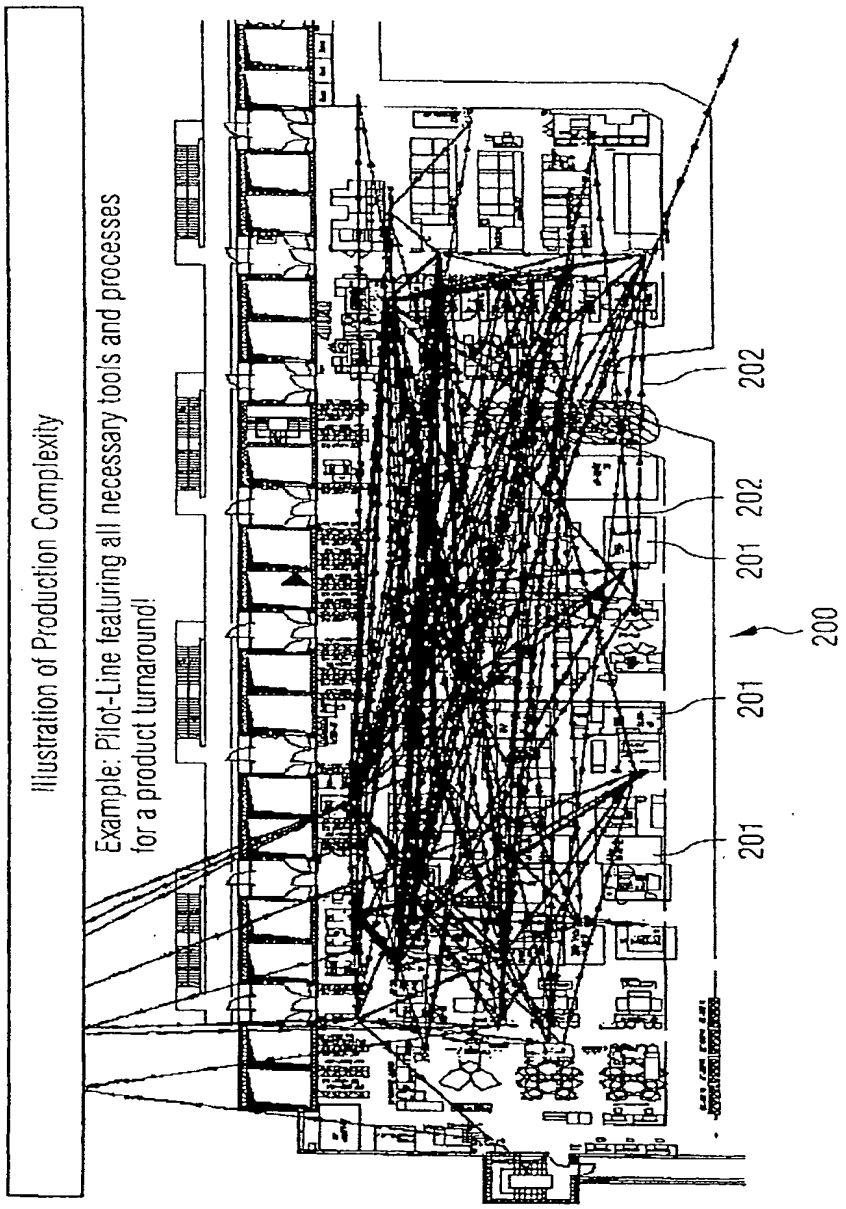


FIG 3

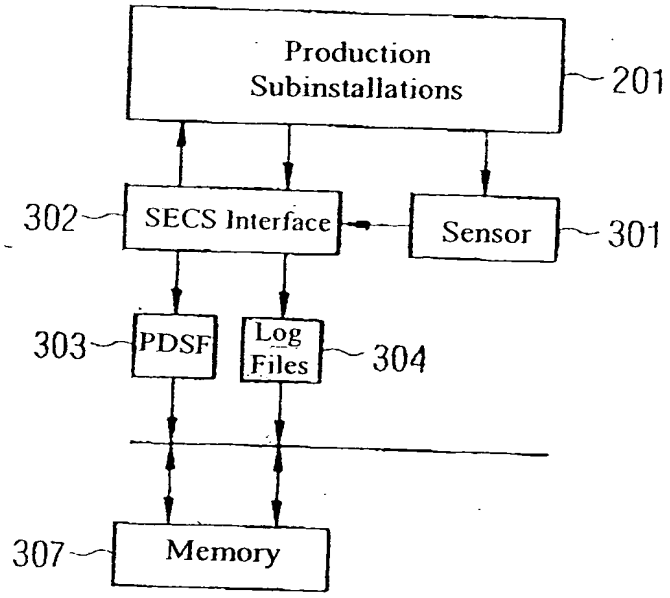
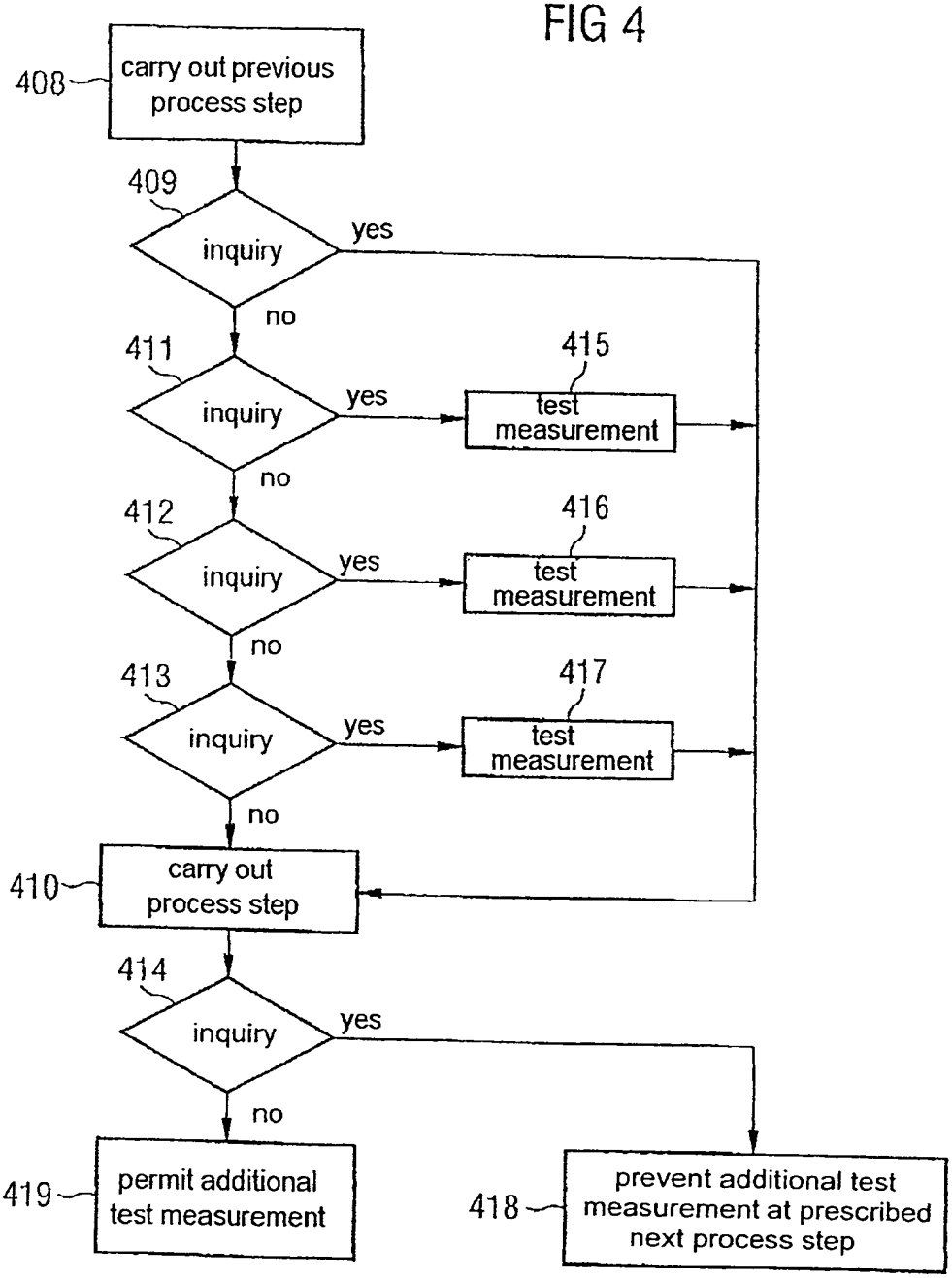

Production Subinstallations
201
302
SECS Interface
Sensor
301
303
PDSF
Log Files
304
307
Memory

FIG 4


408
carry out previous process step
409
inquiry
yes
no
411
inquiry
yes
415
test measurement
no
412
inquiry
yes
416
test measurement
no
413
inquiry
yes
417
test measurement
no
410
carry out process step
414
inquiry
yes
no
419
permit additional test measurement
418
prevent additional test measurement at prescribed next process step